



PTO/SB/21 (08-00)

MODIFIED

17-26824

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

213200.00072

		Application Number	09/920,240
		Filing Date	08/01/2001
		First Named Inventor	Pierte ROO
		Group Art Unit	2682
		Examiner Name	Eugene Yun
Total Number of Pages in This Submission	25	Attorney Docket Number	MP0039.CIP

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Credit Card Authorization <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement with PTO-1449s <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Associate Power of Attorney <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): COMMUNICATION
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Andrew J. Bateman Registration No.: 45,573
Signature	
Date	07/08/2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____

Typed or printed name		
Signature	Date	



FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete if Known

Application Number	09/920,240
Filing Date	08/01/2001
First Named Inventor	Pierte ROO
Examiner Name	Eugene Yun
Art Unit	2682
Attorney Docket No.	MP0039.CIP

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:Deposit Account **50-1710**Account Name **KATTEN MUCHIN ROSENMAN, LLP**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Description	Fee Paid
1001 300	2001 150	Utility Filing Fee	300.00
1111 500	2111 250	Utility Search Fee	500.00
1311 200	2311 100	Patent Examination Fee	200.00
		SUBTOTAL (1)	(\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee	Fee Paid
	- 20** =	50.00	
Independent	- 3** =	200.00	
Multiple Dependent		360.00	

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Description
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 360	2203 180	Multiple dependent claim, if not paid
1204 200	2204 100	** Reissue independent claims over original patent
1205 50	2205 25	** Reissue claims in excess of 20 and over original patent
		SUBTOTAL (2) (\$ 0.00)

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code \$	Fee Code \$	Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable (1.17(l))	
1453 1,500	2453 750	Petition to revive - unintentional (1.17(m))	
1501 1,400	2501 700	Utility issue fee (or reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
1460 130	1460 130	Petitions to the Director	
1807 50	1807 50	Processing fee - provisional app (1.17(q))	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (1.129(a))	
1814 130	2814 65	Statutory Disclaimer	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Req for expedited examination - Design App	
		Other fee (specify) _____	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$ 180.00)**

SUBMITTED BY

Name: Andrew J. Bateman

Registration No.: 45,573

Telephone: (202) 625-3547

Signature: Andrew J. Bateman

Date: 07/12/2005



Application No. 09/920,240
Attorney's Docket No. MP0039.CIP
Page 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Pierte ROO) Examiner: Eugene YUN
Application No.: 09/920,240) Group Art Unit: 2682
Filed: August 1, 2001) Confirmation No.: 4035
For: ACTIVE RESISTIVE SUMMER) Date: July 12, 2005
FOR A TRANSFORMER HYBRID)

COMMUNICATION PURSUANT TO 37 C.F.R. 1.56 AND
M.P.E.P. § 2001.06(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the requirements of 37 C.F.R. 1.56 and M.P.E.P. § 2001.06(c), the Applicant hereby notifies the Patent Office that the subject matter of the above-identified application may be involved in a litigation in the United States International Trade Commission, Investigation No. 337-TA-531.

Should the Examiner have any questions regarding this communication or the application in general, the Examiner is urged to contact the Applicant's attorney, Andrew J. Bateman, by telephone at (202) 625-3547. All correspondence should continue to be directed to the address given below.

Respectfully submitted,

By: 
Andrew J. Bateman
Attorney for Applicant
Registration No. 45,573

IP Docket
Katten Muchin Rosenman LLP
1025 Thomas Jefferson St., NW
East Lobby, Suite 700
Washington, DC 20007-5201
Facsimile No.: (202) 298-7570
Customer No.: 28285



0039.CIP

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Pierte ROO) Examiner: Eugene YUN
Application No.: 09/920,240) Group Art Unit: 2682
Filed: August 1, 2001) Confirmation No.: 4035
For: ACTIVE RESISTIVE SUMMER FOR) Date: July 12, 2005
A TRANSFORMER HYBRID)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449. It is respectfully noted that Applicants do not have copies of certain literature and non-U.S. patent documents listed on the enclosed PTO-1449 forms. Applicants will provide copies of such to the Patent Office as soon as possible. If the Examiner has not received such copies at the time of consideration of the IDS, the Examiner is respectfully requested to contact the Applicants' undersigned attorney.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

07/13/2005 SZEWDIE1 00000147 09920240

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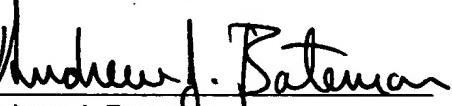
Authorization for payment of the IDS fee of \$180.00 is being filed concurrently herewith.

Should the Examiner have any questions, Applicant's undersigned attorney is reachable by telephone in our Washington, D.C. office at (202) 625-3547. The correspondence address of record is provided below.

Respectfully submitted,

KATTEN MUCHIN ROSENMAN, LLP

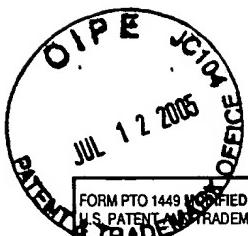
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



LIST OF REFERENCES CITED BY APPLICANT					ATTORNEY DOCKET NO.	APPLICATION NO.	
					MP0039.CIP	09/920,240	
DATE SUBMITTED TO USPTO: July 12, 2005					APPLICANT		
					Pierte ROO		
					FILING DATE	GROUP	
					08/01/2001	2682	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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		5,841,386	11/24/1998	Leduc			
		5,834,860	11/10/1998	Parsons, et al.			
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		6,150,856	11/21/2000	Morzano			
		6,236,345 B1	05/22/2001	Dagnachew, et al.			
EXAMINER				DATE CONSIDERED			
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JUL 12 2005

FORM PTO 1449 MODIFIED
U.S. PATENT AND TRADEMARK OFFICE

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FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT
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	06-97831	04/08/1994	Japan			
	06-97831	04/20/2005	Japan			Yes
	05-064231 A	03/12/1993	Japan			
	06-029853	02/04/1994	Japan			
	09-55770	08/17/1995	Japan			
	09-55770	08/17/1995	Japan			Yes
	09-270707	03/03/1996	Japan			
	09-270707	04/19/2005	Japan			Yes
	2001-177409	12/16/1999	Japan			
	2001-177409	04/20/2005	Japan			Yes

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	Johns, et al., "Integrated Circuits for Data Transmission Over Twisted Pair Channels", March, 1997, pgs. 398-406.
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	Eto, et al., "A 333 MHz, 20mW, 18ps Resolution Digital DLL using Current-controlled Delay with Parallel Variables Resistor DAC (PVR-DAC)", August 28-30, 2000, pgs. 349-350.
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	Wikner, et al., "Modeling of CMOS Digital-to-Analog Converters for Telecommunication", May, 1999, pgs. 489-499.
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		6,452,428 B1	09/17/2002	Mooney, et al.			
		5,745,564	04/28/1998	Meek			
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		5,687,330	11/11/1997	Gist, et al.			
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		6,057,716	05/02/2000	Dinteman, et al.			
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		6,721,379 B1	04/13/2004	Cranford, Jr., et al.			
		5,859,552	01/12/1999	Do, et al.			
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| Kim et al., "A 30-MHz Hybrid Analog/Digital Clock Recovery Circuit in 2- μ m CMOS," 1990, pp. 1385-1394. |
| Liu et al., "WP 23.7: A 6.5 GHz Monolithic CMOS Voltage-Controlled Oscillator," 1999, pp. 404-405, 484. |
| Wang et al., "WP 23.8: A 9.8 GHz Back-Gate Tuned VCO in 0.35 μ m CMOS," 1999, pp. 406-407, 484. |
| Rofougaran et al., "SP 24.6: A 900 MHz CMOS LC-Oscillator with Quadrature Outputs," 1996. |
| Koullias et al., "TP 9.2: A 900 MHz Transceiver Chip Set for Dual-Mode Cellular Radio Mobile Terminals," 1993, pp. 140-141, 278. |
| Dauphinee et al., "SP 23.7: A Balanced 1.5 GHz Voltage Controlled Oscillator with an Integrated LC Resonator," 1997, pp. 390-391, 491. |
| Banu et al., "A BiCMOS Double-Low-IF Receiver for GSM," 1997, pp. 521-524. |
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| Cho et al., "TP 13.5: A Single-Chip CMOS Direct-Conversion Transceiver for 900 MHz Spread-Spectrum Digital Cordless Phones," 1999, pp. 228-229, 464. |

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	Moon et al., "An All Analog Multiphase Delay Locked Loop Using a Replica Delay Line for Wide Range Operation and Low-Jitter Performance," March 2000, pp. 377-384.
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	Rudell et al., "SA 18.3: A 1.9 GHz Wide-band IF Double Conversion CMOS Integrated Receiver for Cordless Telephone Applications," 1997, pp. 304-305, 476.
	Lee et al., "A 2.5 V CMOS Delay-Locked Loop for an 18 Mbit, 500 Megabytes/s DRAM," 1994, pp. 1491-1496.
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	Lam et al., "WP 23.6: A 2.6 GHz/5.2 GHz CMOS Voltage-Controlled Oscillator," 1999, pp. 402-403, 484.
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EXAMINER

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*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT
	62-159925	7/15/87	JP			
	6-276182	9/30/94	JP			

OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)

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	Regan, ADSL Line Driver/Receiver Design Guide, Part 1, 2/2000
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